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SEP 17 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<i>In re</i>	Deshmukh	)	Docket No.: PU2148
		)	
Serial No.:	10/604,518	)	Group Art Unit: 3711
		)	
Filed on:	07/28/2003	)	Examiner: Blau, Stephen
		)	
For:	HIGH DENSITY ALLOY FOR	)	Due Date: 12/13/2004
	IMPROVED MASS PROPERTIES)		
	OF AN ARTICLE	)	

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Commissioner for Patents  
Alexandria, Virginia 22313-1450

**RESPONSE TO THE FIRST OFFICE ACTION**

Dear Sir:

Submitted herewith is the Applicants' Response to the First Office Action mailed September 13, 2004.

A Restriction Requirement begins on page 2 of this paper.

Amendments to the Specification begin on page 3 of this paper.

A listing of the claims begins on page 4 of this paper.

Remarks begin on page 7 of this paper.

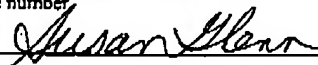
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**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Patent Office on the date shown below via facsimile the central facsimile number

Date of Deposit

9-17-04



10/604,518

Amdt. Dated Sept. 17, 2004

Reply to Office Action of Sept. 13, 2004

**Restriction Requirement**

Applicant hereby reaffirms the election of the species 2 (figures 13-20), claims 1-6 and 8-17. This election is made without traverse.